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**Illinois
Environmental
Protection Agency**

**Office of Community Relations
P. O. Box 19276
Springfield, Illinois 62794-9276**

July 2003

Fact Sheet #2

Anna Municipal Landfill

Anna, Illinois

SEP 10 2003

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Site Update

The Illinois Environmental Protection Agency (Illinois EPA) has begun construction activities at the Anna Municipal Landfill which started early July 2003. This response action is funded by the State of Illinois Abandoned Landfill Program. The construction contract for Anna Municipal Landfill was awarded to WRS Infrastructure & Environment, Inc (WRS). The Illinois EPA's engineering consultant MACTEC Engineering and Consulting Inc. (formerly Harding ESE), the designer of these improvements, will oversee WRS's construction activities under supervision of the Illinois EPA. An overview of these designs was presented to the community in a Public Meeting on January 7, 2003.

Response actions will include...

- ✓ Repairing existing erosion areas on and immediately adjacent to the landfill;
 - ✓ Regrading of the landfill to prevent ponding and runoff of surface water;
 - ✓ Installation and monitoring of a passive gas venting system;
 - ✓ Installation of a low permeability cover in previously uncovered areas; and
 - ✓ Repairing of the existing landfill cover to decrease the rate of leachate generation.

Response work began at the landfill in July 2003. Site work is anticipated to be complete by October 2003. On-site soil to complete the clay cap will be provided, for the landfill site, by the City of Anna. Response activities at and transportation of the soil to the landfill will not require soil traveling on public roadways and will not impede traffic flow on State Route 51. Illinois EPA estimates that this project will cost approximately \$1.8 million.



Background

Anna Municipal Landfill is an 80-acre inactive solid waste landfill that was not certified as closed by Illinois Environmental Protection Agency (Illinois EPA). The landfill is owned by the City of Anna, and it operated from 1975 till 1992. It was permitted to accept only general refuse (trash), not hazardous waste.

Several ravines were filled in to create the landfill; some of these ravines are still present around the limits of the fill areas. When the landfill closed in September 1992, a part of the western portion of the landfill was left with only six inches of cover soil over the exposed waste.

Anna Municipal Landfill is for the most part well vegetated. The western portion of the landfill, where final cover was not applied, has several leachate seeps (precipitation that has infiltrated the landfill and mixed with the waste) and one ponded area. Several erosion gullies extend from the southern edge of the landfill and into the ravines. In some of these areas, erosion has exposed the waste.

Private Water Well Results

Laboratory analysis of the private water well sampling conducted at nearby residential properties did not detect any chemicals from the landfill in the groundwater. The planned response actions will minimize any contamination in the future.

Future Land Use

The landfill is owned by the City of Anna. Upon completion of the response action, the City of Anna will install a fence around the landfill site, apply to the Illinois EPA for closure certification of the landfill, and conduct post-closure care. Since public or private recreational activities such as four-wheeling, motorcycle riding, and hiking could cause damage or erosion to the landfill, access to the landfill will be restricted.

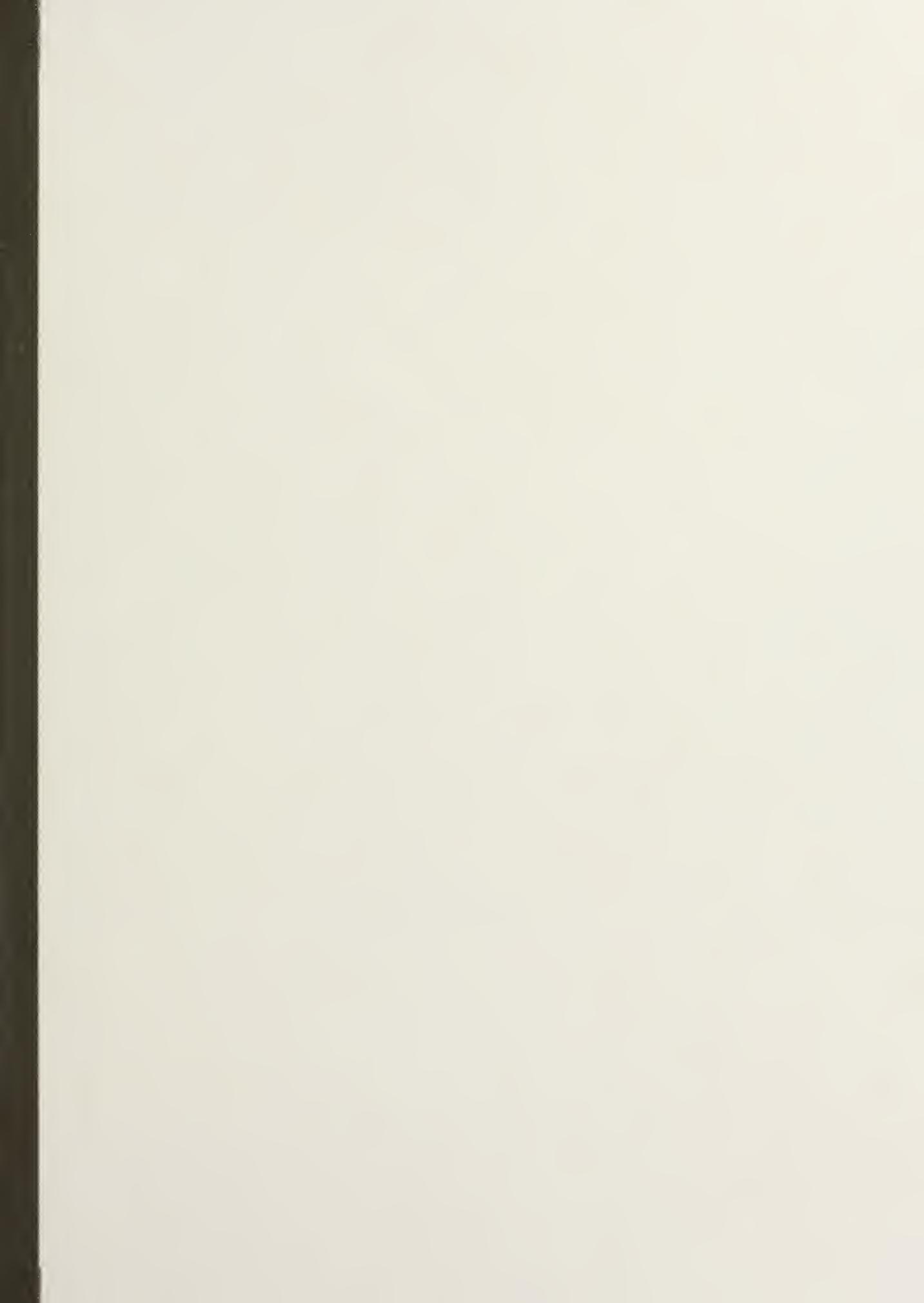
For further information, you may contact:

Kathy Vieregge, Project Manager
Illinois EPA
Bureau of Land, State Sites Unit
Collinsville Regional Office
2009 Mall Street
Collinsville, IL 62234
Phone: 618/346-5124
Kathy.Vieregge@epa.state.il.us

Michelle Tebrugge, Community Relations Coordinator
Illinois EPA
Office of Community Relations
P.O. Box 19276
Springfield, IL 62794-9276
Phone: 217/524-4825
Michelle.Tebrugge@epa.state.il.us

In addition, an Information Repository for the Anna Municipal Landfill has been established at the **Stinson Memorial Library District (618/833-2521)**. The Information Repository contains technical documents for the site investigation and upcoming response actions.

Library Hours: **Monday thru Friday:** 10:00 am - 7:00 pm
 Saturday: 10:00 am - 3:00 pm



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